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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/731,596

Filed: December 9, 2003

Inventor(s):

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Hartman, Celso Axelrud, and
Kadir Liano

Title: SYSTEM AND METHOD
OF APPLYING
ADAPTIVE CONTROL
TO THE CONTROL OF
PARTICLE
ACCELERATORS WITH
VARYING DYNAMICS
BEHAVIORAL
CHARACTERISTICS
USING A NONLINEAR
MODEL PREDICTIVE
CONTROL
TECHNOLOGY

§ Examiner: Unknown
§ Group/Art Unit: 2879
§ Atty. Dkt. No: 5650-03600

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

01/3/2006

Signature

Date

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted as a Preliminary Amendment to the above-captioned case.

Please amend the case as listed below.